

Name _____ Date _____

3.2B ADDITION AND SUBTRACTION OF COMPLEX NUMBER

Simplify

1. $(13 + 7i) + (4 + 9i) =$	2. $(11 + 5i) + (8 - 14i) =$
3. $(7 - 4i) + (6 + 11i) =$	4. $(19 + 8i) - (5 + 17i) =$
5. $(14 - 9i) - (8 + 3i) =$	6. $(7 - 9i) - (12 - 5i) =$
7. $(11 + \sqrt{-144}) + (6 + \sqrt{-49}) =$	8. $(7 - \sqrt{-9}) + (4 + \sqrt{-16}) =$
9. $(5 + \sqrt{-121}) - (9 + \sqrt{-64}) =$	10. $(9 - \sqrt{-81}) - (13 + \sqrt{-36}) =$

Simplify

11. $(8 + \sqrt{-27}) + (5 + \sqrt{-48}) =$
12. $(6 + \sqrt{-45}) + (5 - \sqrt{-20}) =$
13. $(11 - \sqrt{-50}) + (5 - \sqrt{-72}) =$
14. $(5 + \sqrt{-54}) - (4 + \sqrt{-150}) =$
15. $(4 - \sqrt{-108}) - (-8 + \sqrt{-75}) =$
16. $(7 - \sqrt{-32}) - (15 - \sqrt{-98}) =$
17. $ 6 + 3i =$
18. $ 4 - 2i =$